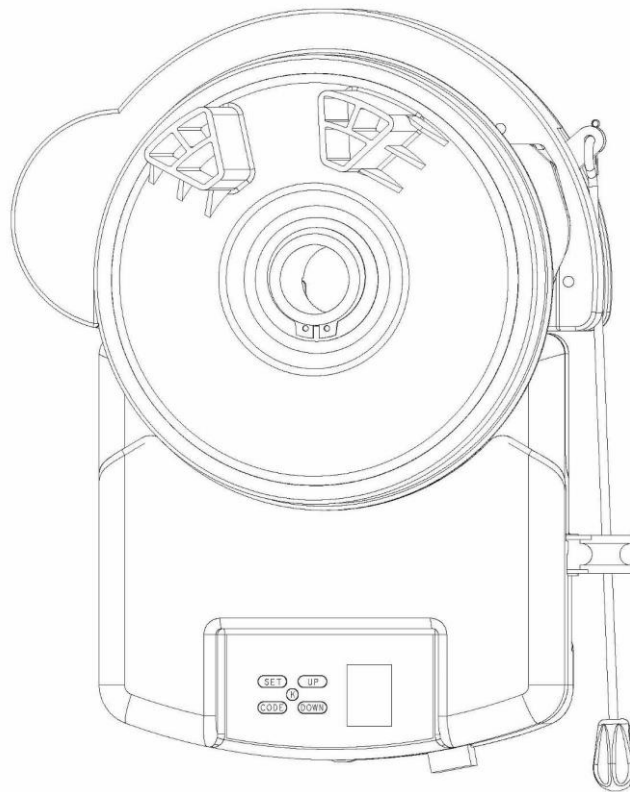


# Roll Master

## Instruction Manual



To view our how to install video visit:  
[www.autoopeners.com.au](http://www.autoopeners.com.au)

1300 42 88 66

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# Installation Safety Warnings

**This automatic garage door opener is designed and tested to offer safe service provided it is installed and operated in strict accordance with the following safety warnings. Failure to comply with the following instructions may result in death, serious personal injury or property damage.**

## GENERAL WARNINGS

- The door may operate unexpectedly, therefore do not allow anything to stay in the path of the door.
- When operating the manual release while the door is open, the door may fall rapidly due to weak or broken springs or due to being improperly balanced.
- Do not disengage the opener to manual operation with children / persons or any objects including motor vehicles within the doorway.
- If the door is closing and is unable to re-open when obstructed, discontinue use. Do not use a door with faulty obstruction sensing.
- When using auto close mode, a Photo Electric beam must be fitted correctly and tested for operation at regular intervals. Extreme caution is recommended when using auto close mode. All safety rules must be followed.
- Due to the risk of entrapment under the door, ensure you test the safety auto reverse function monthly.

## ELECTROCUTION RISKS

- Place opener in a protected area so it does not get wet.
- Do not spray with water.
- Disconnect the power cord from mains power before making any repairs or removing covers. Only experienced service personnel should remove covers from the opener.
- If the power supply cord is damaged, it must be replaced by an Auto Openers service agent or suitably qualified person.
- Connect the opener to a properly earthed general purpose 240V mains power outlet installed by a qualified electrical contractor.

## CAUTIONS

- If garage has no pedestrian entrance door, an emergency access device should be installed. This accessory allows manual operation of the garage door from outside in case of power failure.
- Practice correct lifting techniques (carton weighs approx. 9kgs).
- Practice correct lifting techniques when required to lift the door as per installation instructions.
- Ensure ladder is the correct type for job.
- Ensure ladder is on flat firm ground that will take the weight without the legs sinking.
- Ensure user has 3 points of contact while on ladder.
- Place a 2 meter exclusion zone around area under the door while it is unsecured.
- Do not move under a door while it is on the door support (or ladder).
- Follow the installation instructions.
- Fit door support (or ladder) snugly under door before removing bracket.
- Ensure door support (or ladder) is on flat ground.
- Examine the door installation, in particular, springs and mountings for signs of wear, damage and imbalance.
- The garage door must be well balanced. Sticking or binding doors must be repaired by a qualified garage door installer prior to installation of the opener.
- Remove or disengage all garage door locks and mechanisms prior to installation of the opener.
- Never plug in and operate opener prior to installation.
- Keep hands and loose clothing clear of door and guides at all times.
- DO NOT operate the opener unless the garage door is in full view and free from objects such as cars and children/people. Make sure that the door has finished moving before entering or leaving the garage.
- Educate children about garage door safety, keeping transmitters and remote controls out of children's reach due to the potential risk of injury or death.

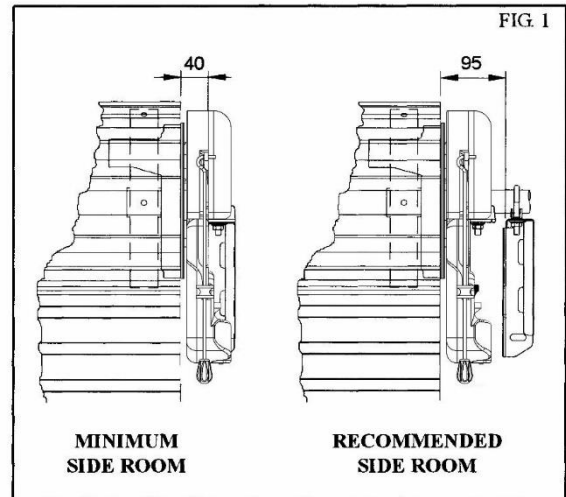
# Installation Instructions

## SAFETY INSTRUCTIONS FOR INSTALLATION

Not following the installation instructions can lead to serious injury or equipment failure. Ensure you follow the steps carefully to avoid complications.

## SETUP REQUIREMENTS

- The opener must be installed in a dry location, protected from weather. Moisture and corrosion damage is not covered by warranty.
- The opener requires properly earthed 3 pin single phase power within an arm's length of the door and at a suitable height.
- As per figure 1, the minimum side room is 40mm. However, 95mm is recommended for ease of access.

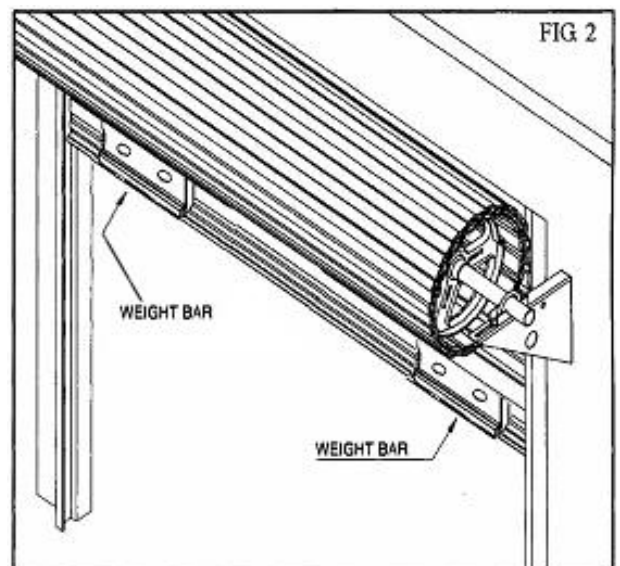


## 1. Prepare The Door

- Clean the guides if there is any oil or wax present using a suitable white spirit. The only lubricant for use on the door guides is silicon spray. DO NOT use WD-40, RP-7, petroleum grease or similar.
- Remove the locking bars and disable the lock.
- Install the locking bar covers if there are locking bar holes in the guides. This ensures fingers cannot be placed in the holes while the door operates.

## 2. Fixing of Door Weight Bars

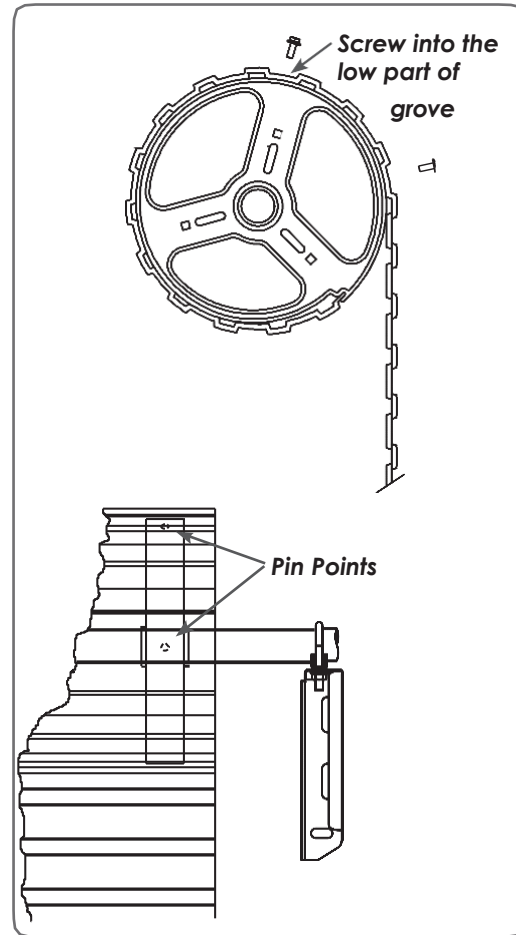
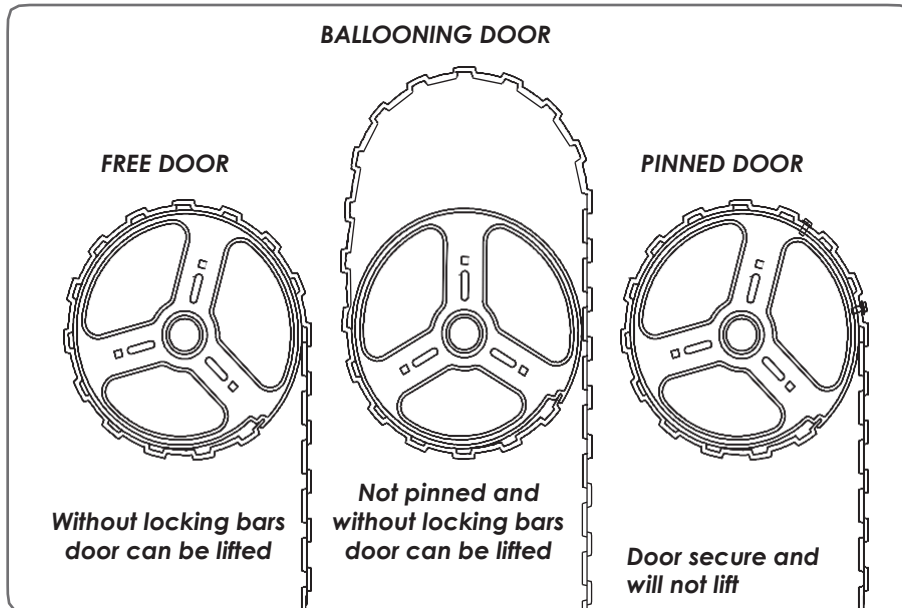
- Position the two weight bars approximately 400mm from each end of your door at the bottom.
- Once positioned, drill through the bars into the door whilst being careful of your hands. Use the provided screws and nuts to affix the weight bars.
- Check that the door is still balanced and smooth. If not, then the door may require servicing / tensioning.



### 3. Pinning of the Door

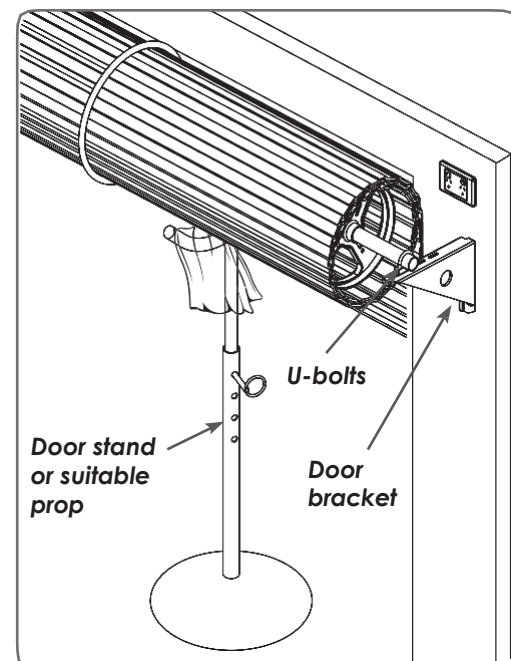
Pinning the door's curtain to its drum maintains security when the opener is closed. If the curtain is not pinned the door can be partially opened manually.

- Fully close the door.
- Mark a minimum of two (2) points on the drum to each end of the door.
- Fit Teck screw (not supplied) to each of the four (4) points. This screw should be positioned as low as possible in the groove, but make sure that it does not alter the curtain's normal lead in to the guide.



### 4. Proping of the Door

- At the end opposite to where the opener will be fitted, check that the U-Bolt which holds the door axle to the bracket is tightly secured. If this is not done the stored energy in the spring can be unexpectedly released.
- Open the door completely and tie the rope around the door roll. Do not tie the rope too tight as damage to the curtain may ensue. This will stop the door unrolling when taken off the bracket.
- At the end where the opener is to be fitted, support the door with a door stand of suitable prop. Place a towel between the door and the prop to protect the door from damage. This can be done on a ladder or on your shoulder if it is safe to do so.
- At the end where the opener will be fitted use a pencil to mark the position of the U-Bolt in the door bracket on the wall to assist in reassembling



## 5. Fixing the Operator to the Door

**Please note: The motor is designed to operate on the right side of the door by default.**

To reverse the drive for left hand side installation, press the set button and hold until the LED displays "5".

Using the "UP" and "DOWN" buttons select "1" for left installation or "0" for right side installation. Hit "SET" to confirm the setting.

Installation process (FIG. 3 through FIG. 5)

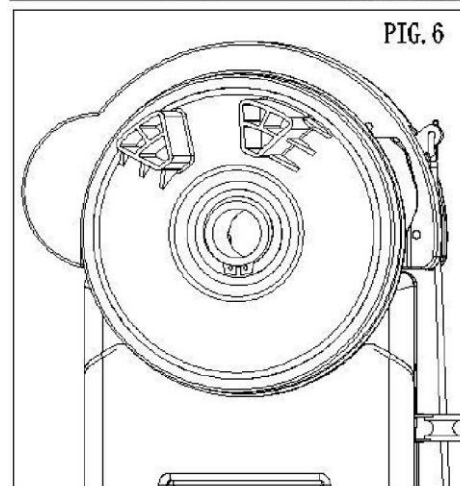
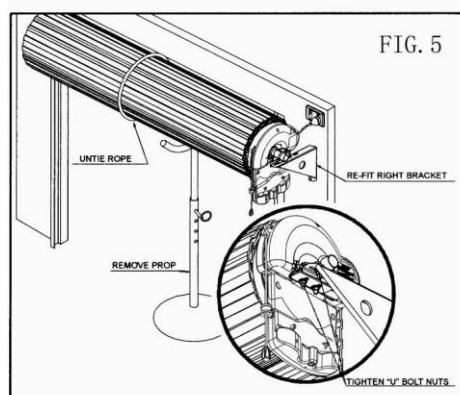
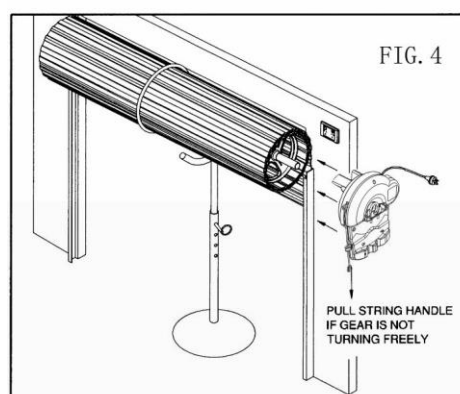
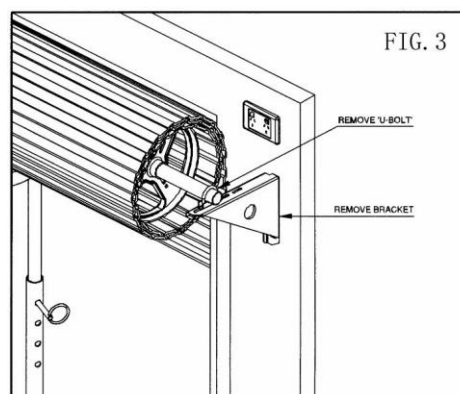
1. Remove the U-Bolt off the end of the door that you intend to install the motor on. **Ensure that the U-Bolt on the opposite end is firmly fastened first.**
2. Lift the door up and away from the wall until clear of the door bracket, before lowering the door to rest on the door stand or prop.

Note: If there is limited ceiling space, the door bracket may have to be removed. If this is required, use the reference marks on the wall for correct positioning to ensure that it is both secure to the wall & able to support the door.

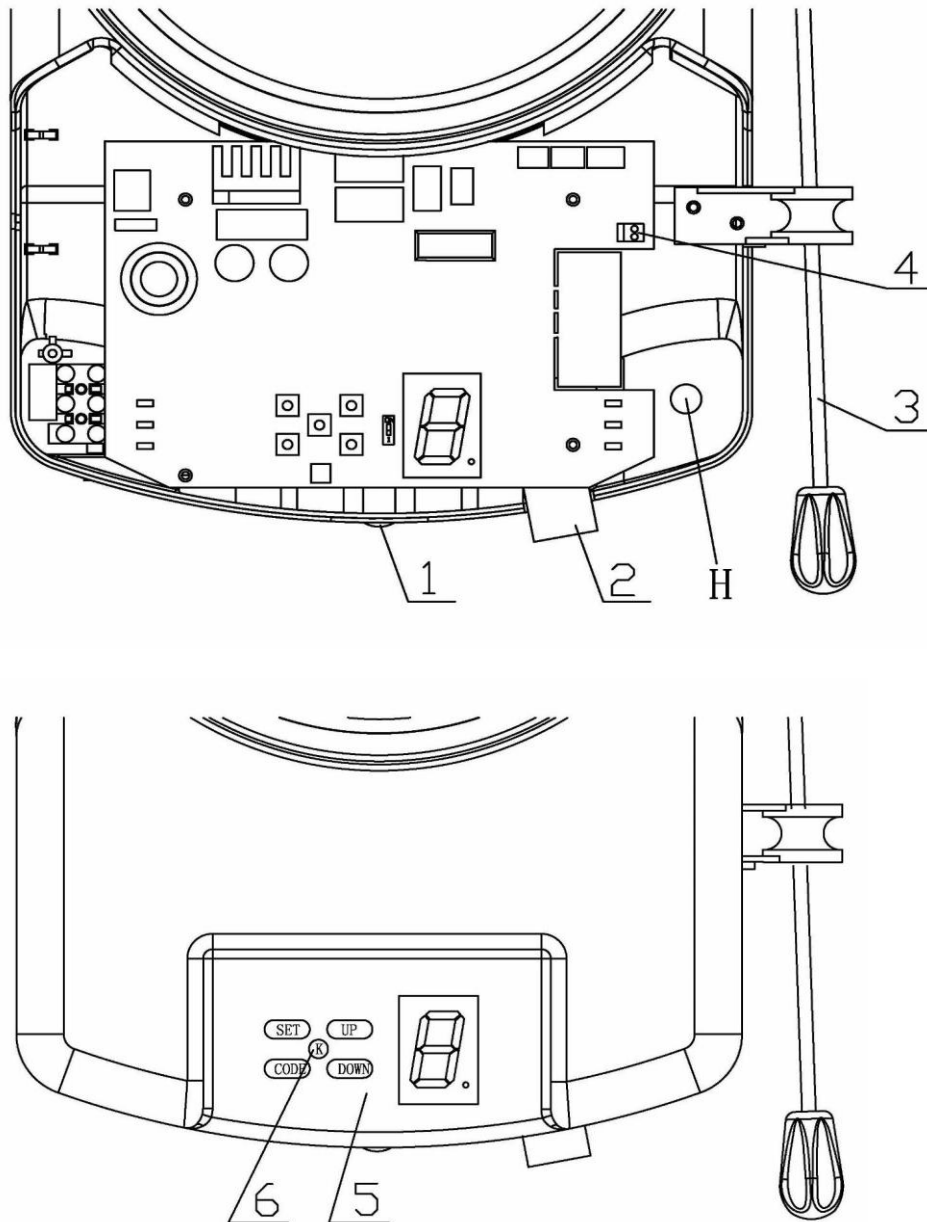


**WARNING! To prevent injury, do not allow children or other persons near the door or the prop**

3. Remove the opener from the box.
4. Check that the drive gear rotates freely by hand, by pulling the disengage handle. Then move the forks from side to side by hand.
5. Slide the opener over the door axle and into the drum of the door as shown in Figure 4.
6. Push the opener as far as possible into the roll of the door (without interfering with the curtain) so one of the **door drum's wheel spokes** is between the **opener's drive forks**. If the forks cannot slide into the drum wheel, use the supplied extension arms.
7. Raise the door off the door stand or suitable prop.
8. Lift up and over the door bracket and use your reference marks on the door bracket to position the door.
9. Refit the U-Bolt and tighten.
10. Remove the safety rope and door stand / prop.
11. Connect the power cord to a suitable power point, but do not switch on. Secure the power cord away from any moving object (e.g. the door).
12. With the opener still disengaged, pull the door up and down to ensure it runs freely.



## 6. Setting & Operate Diagram



1. Operate Button

3. Manual Release Lever

5. Programming Panel

H. Hole for Battery  
Backup Connection

2. PB/GND/PE/+24V terminal  
(For PE Beams / Receivers)

4. Battery Backup Terminal

6. K Button (Same as Operate Button)



# Door Travel Limit Setting

1. Open the door by hand until the door touches the upper door stop (see fig 7).
2. Close the door by hand until the door touches the ground.
3. Push up the manual release lever and the motor will re-engage.
4. Press the 'SET' button and hold on LED displays figure '1', then adjust the final up limit by pressing the 'UP' button.

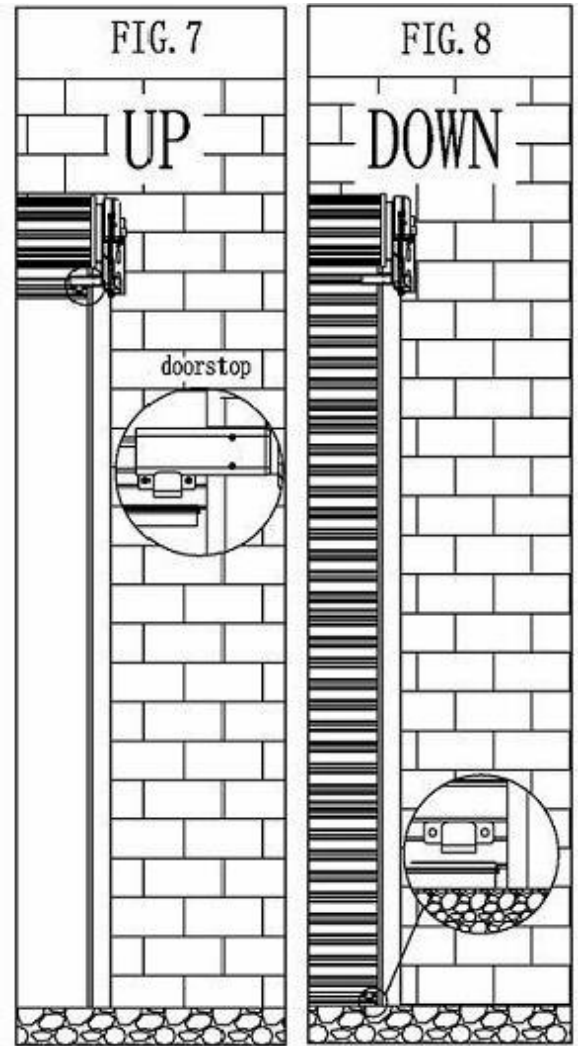
**TIP:** You can fine tune the position of both the up and the down limit by single pressing the 'UP' or 'DOWN' button. Press 'SET' to save the setting.



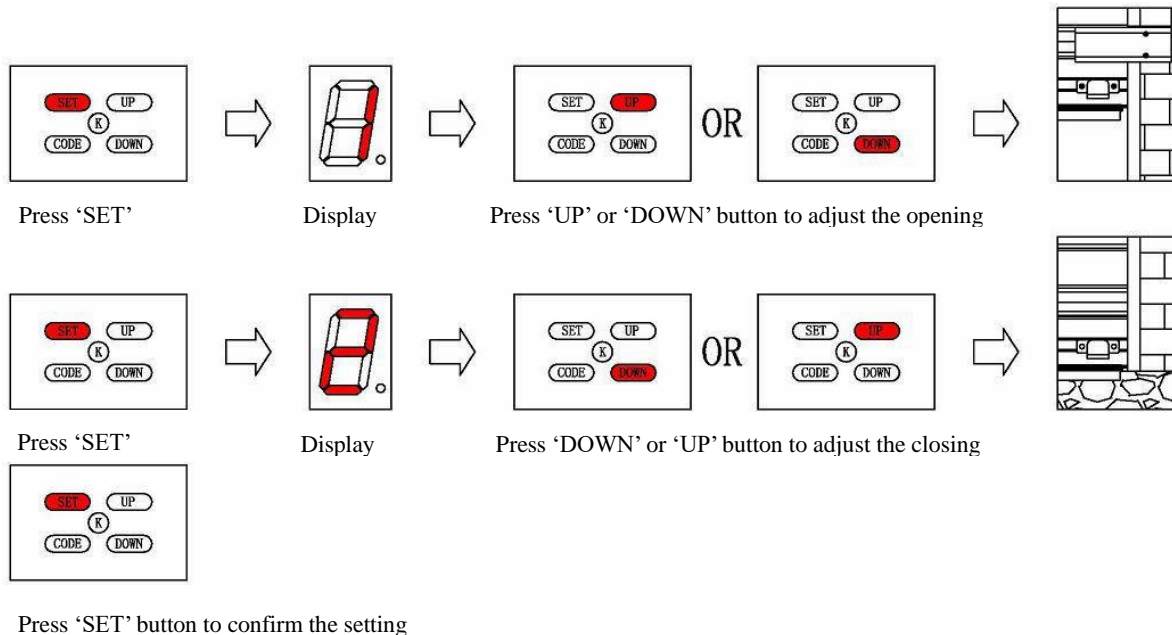
**WARNING!** In setting the close limit position, do not force the door into the floor with excessive force, as this can interfere with the ease of operation of the manual release mechanism.

5. The display will now show a '2' automatically. Adjust the down limit by pressing the 'DOWN' button, then press 'SET'.

**TIP:** For the best operation, set the door 20mm from the stop at the top and just touching the bottom for the best operation.

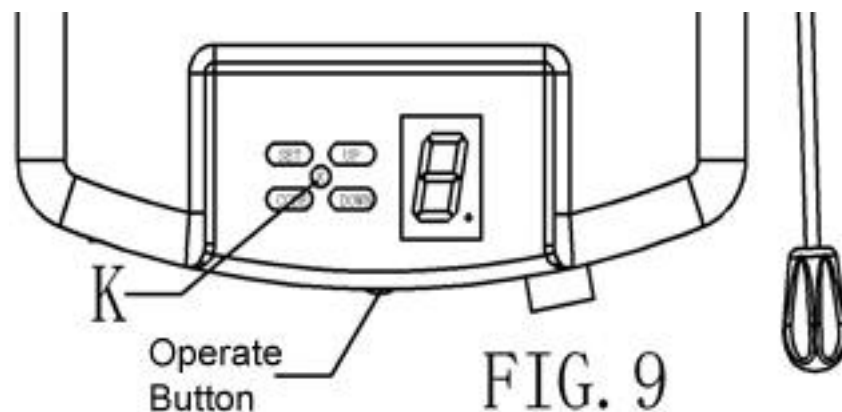


## Setting processes:



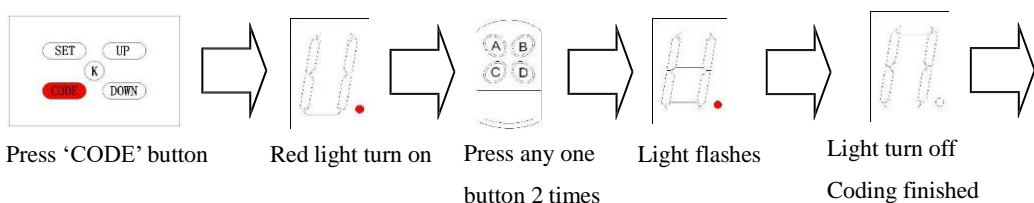


6. Press the RED operate button at the bottom of door operator or K button (FIG.9), confirm the up limit and down limits are correct. If not, please re-set the travel limits according to above processes until the limits are correct.

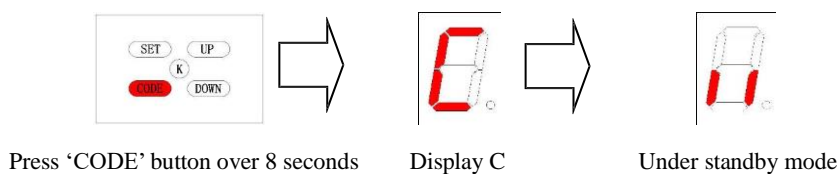


## CODING TRANSMITTER

The operator should be under standby mode when coding remotes. Press the 'SET' button until the coding light turns on and the operator is under remote learning mode. Press any one button two times on the remote, the coding light will extinguish. The remote has been coded successfully. Use the same method to code multiple remotes. Up to 20 can be stored at any one time.

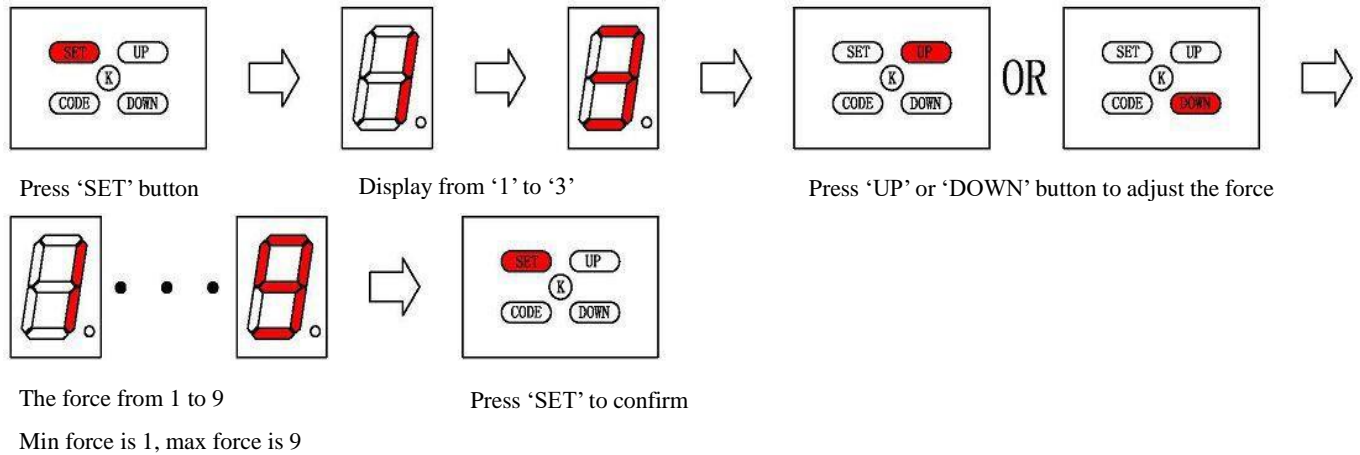


i. Deleting remotes: Press the code button over 8 seconds until display shows C, then it will be under standby mode. All stores remotes are now deleted.



# Safety reverse force adjustment

Press 'SET' button and hold on until the LED displays figure '3'. Press 'UP' button to increase the force, Press the 'DOWN' button to decrease the force. The maximum force is 9, the minimum force is 1. The default is 3.



You must test the operation of the auto reverse safety function monthly to ensure the safety feature is functioning when the door is obstructed so it auto reverses, as to avoid entrapment by animals or children.

## Your installation is now complete and motor ready for use.

Below are additional instructions on how to install the optional PE Safety Beams or Battery Backup

### Connecting the photocells (OPTIONAL)\*

\*The photo beam is an optional unit available

as a special order & recommended to avoid

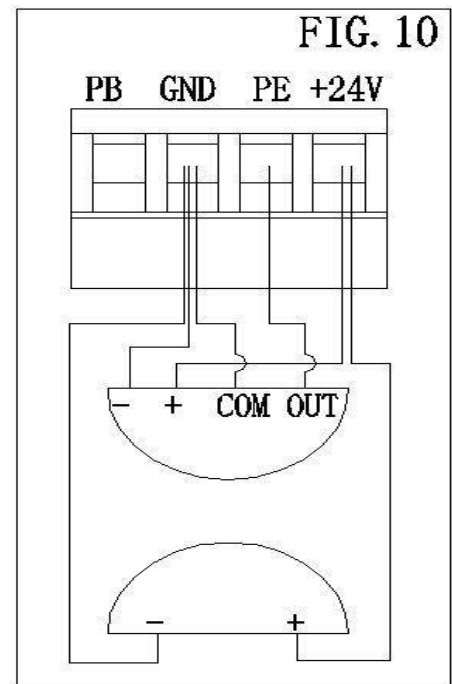
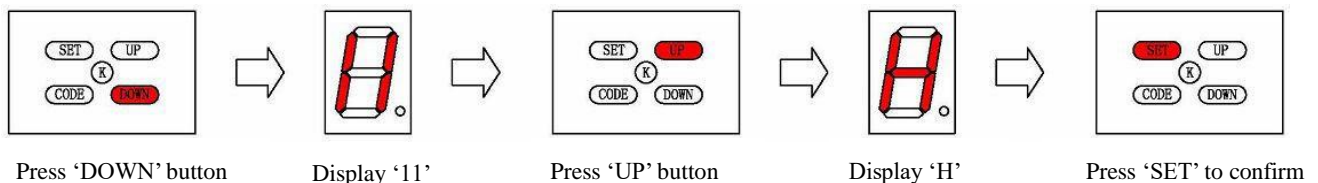
entrapment

- ii. The GND、PE、+24V connections of the terminal block (green) at the bottom of the door operator are for photocells, (Please refer the Fig.10). Please choose switch value style (NC) photocell.

**Notice: Close the photo beam function when not utilizing the photo beam sensor.**

- iii. Activating the photocell function:

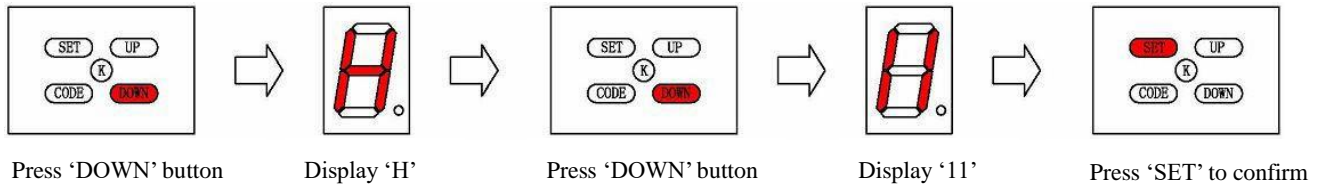
Press the 'DOWN' button and hold on until the 'LED' displays '11', press 'UP' button until the LED displays 'H'; photocell function is available, press 'SET' to confirm.



Please confirm the photocells are well connected and programmed and check if the door automatically reverses when encountering an obstacle during door closing.

iv. Cancelling the photocell function:

Press the 'DOWN' button and hold on until the LED displays 'H'. Press the 'DOWN' button until the LED displays '11'. To cancel this function, press the 'SET' button to confirm.

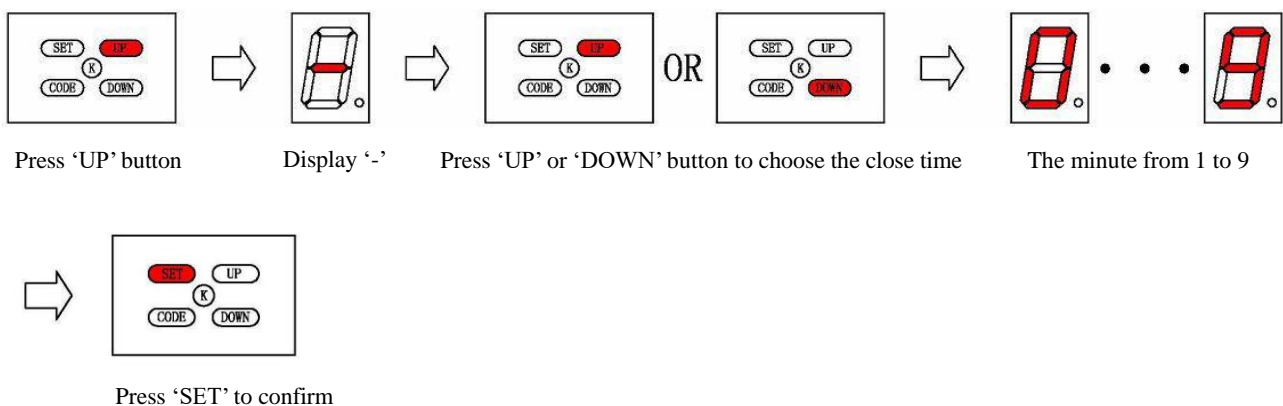


**WARNING: Close the photo beam function when not utilizing photo beam sensor.**

## Auto close setting (OPTIONAL)

Press and hold the 'UP' button until the LED displays '-'. Every time you press the 'UP' button, the auto-close time will increase by 1 minute, the maximum time is 9 minutes. By pressing the 'down' button, the auto-close time will decrease by 1 minute. The auto-close function will be turned off when LED displays 0. Press 'SET' button to confirm.

The default setting for this function is 0 (off).



NOTE: The auto close is only available when door is at its full open position.

**When using auto close mode, a photo electric beam must be fitted correctly and tested for operation at regular intervals.**

## Battery backup connection (OPTIONAL)

It must use 24V DC 3.5Ah sealed lead acid battery. Please open the light cover to connect the wires of the battery with the battery backup terminal in the control board(Fig.12). The 'H' of Fig.11 is a hole for the battery connection wires to through.

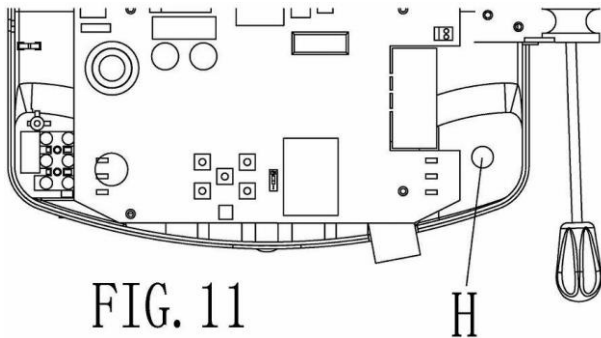
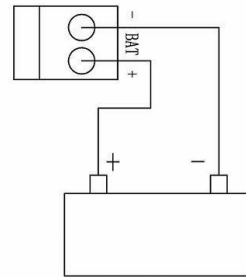


FIG. 12



## Packing list

Item	Quantity
ET-30 Roller Door Operator	1
Remotes & Wall Button	2
U-Clamp and Cast Iron Saddle	1
Extended Drive Forks	2
Extended Manual Release Arm (Optional)	1
Installation manual	1
Weight bar	2

## TECHNICAL DATA

Input voltage: 220 V AC——240 V AC 50 HZ

Controller voltage: 24 V DC

Max power: 235W

Lifting force: 400N(40kgs)

Working circumstance: -20℃——+40℃

Operator limits travel: 4 circles of door drum wheel

Receiver type: 433.92 MHZ ASK rolling code

The Max height of door : 4.5m

# Common Troubleshooting

Symptom	Possible reason	Solution
<p>The door does not move</p> <p>The door is locked or motor jammed</p>	Mains power not switched on	Switch on the main power
	The door is obstructed	Remove the barrier
		Unlock the door
		Check the motor is turning
The door won't reverse when obstructed	The force of the motor is set too high	Decrease the safety reverse force
The door reverses automatically when closing	The moving force of the motor is set too low	Increase the safety reverse force
	There could be an obstruction under the door	Remove obstruction
The door stops automatically when opening	The moving force of the motor is set too low	Increase the safety reverse force
The operator can be controlled by O/S/C button but not the remote	The remote light doesn't flash	The battery is loose or flat. Open rear cover and ensure battery is connected / replace.
	The receiving antenna is not pulled out	Pull out the receiving antenna
	Interference	Turn off wireless equipment in house to test (doorbells, etc)

The door can't fully close	The door is beyond the original up limit setting after power failure	Reset the limit position as per instruction
A noise emits from the motor during the first manual travel limit setting	The up/down limit position confirmation	This is normal, no action required
The door can only open, cannot close	The photocell function was activated	Close the photocell function
The motor rotates / grinds but the door doesn't move	The motor is in manual mode (out of gear)	Push the manual release lever up to put the motor into gear
The door closes when pressing 'UP' during limit setting	Left / right installation error	Change the installation direction according to left/right installation setting in the instruction manual
2 short beeps from buzzer means 24V DC Motor no longer operational	A motor connection may have broken away from the circuit board	Please make sure there is a connection between motor connector and control board.
	Motor fault	Contact Auto Openers
3 short beeps from buzzer means over-load protection	The door has met an obstacle	Remove the obstacle
	Door twisted	Fix the door
4 short beeps from buzzer means potentiometer is no longer working	A potentiometer connection has broken away from the circuit board	Please make sure there is a connection between potentiometer and board.
	Potentiometer	Please install a new potentiometer

## Optional & Additional Accessories

Photo Electric Safety Beams.....\$119

*Recommended to avoid injury*

Battery Backup.....\$99

*Never lose power again!*

Keyring Remote Control.....\$49

Wall Button Remote.....\$49

Extended Three Year Warranty.....\$49

Extended Five Year Warranty.....\$69

### ALL FREE SAME DAY SHIPPING

Warranty extensions must be bought within 60 days of purchase

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**PLEASE NOTE:**

- This Warranty is in addition to any statutory, non-excludable guarantees or warranty rights and remedies under the law. See section 5.
- This warranty applies to the original purchaser only and may not be transferred.
- This Warranty is to be read in conjunction with the owner's copy of the installation instruction manual.
- In this warranty, 'Auto Opener's Representative' means an entity authorized by Auto Openers to service Auto Openers products. Please check the Auto Openers website for details.

<b>It is a condition of the below warranties that the manual operating (opening and closing) force of the door by hand does not exceed 20kg.</b>		
<b>MODEL</b>	<b>WARRANTY</b>	<b>Max Door Weight</b>
ROLLER OPENER	Up To Five (5) Years	110kg
<b>EXTRAS</b>		
ACCESSORIES	1 year	

NOTE: CONSUMABLES (eg Batteries in remote control transmitters and light bulbs and fuses) are not covered by this warranty.

**1. MAKING A CLAIM**

- The product parts in the above table will operate in accordance with the product manual for the time period shown, provided you comply with the manufacturer's instructions concerning installation, operation, maintenance and testing. Failure to do so may void all or part of this warranty.
- If, during the relevant warranty period, a product part in the table above appears to contain a defect, call the retailer from whom you purchased the product, or Auto Openers on 1300 42 88 66, and they will instruct you what to do next.
- You are responsible for the cost of making a claim under this Warranty. Additional access expenses where the Product is not readily accessible must be borne by you.
- If Auto Openers or an Auto Opener's Representative confirms the Product is defective and covered by this Warranty, Auto Openers will repair or replace it (at Auto Opener's sole option) at no cost to you. Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods.

**2. WARRANTY CONDITIONS**

It is a condition of this warranty that:

- you provide a copy of the receipt of original purchase of the Product, and the serial number of the Product which can be found on the label adhered to the Product.
- the Product has been serviced within 18 months of installation and thereafter every 2 years.
- You must register your warranty online within 60 days of purchase

**3. WARRANTY EXCLUSIONS**

This warranty excludes damages resulting from:

- Excessive wear and tear that may cause the product to fail;
- Accidental, deliberate or negligent damage or damage cause by insects;
- Blown fuses, electrical surges, power surges or power spikes or faulty or unsuitable electrical wiring of structures to which the product is affixed;
- Theft, fire, flood, rain, water, lightning, storms or any other acts of God;
- Salt or other corrosion due to environmental conditions,
- Any installation, configuration or use of the product contrary to the instructions supplied with the product;
- Maximum continuous operating time exceeding 1 minute in 10 minutes;
- The manual operating (opening and closing) force of the door by hand exceeding 20kg;
- Door surface area and/or weight exceeding amounts listed in table above respectively;
- The door used with the product not being in safe working order and condition;
- Any modification to the product or acts or omissions of any person in respect of the product which are not authorized by Auto Openers;
- Installation of a residential garage door opener in a commercial or industrial premises or in a dwelling other than a single-family dwelling;
- Radio or electrical interference or lack of availability of signal.

#### 4. OTHER CONDITIONS

- (a) This Warranty is not transferable.
- (b) No additional warranty will apply for Products repaired during the relevant warranty period.
- (c) Where the Product is sold by any person other than Auto Openers, except for the warranty set out above, such person has no authority from Auto Openers to give any warranty or guarantee on Auto Opener's behalf in addition to the warranty set out above.

#### 5. STATUTORY GUARANTEES OR WARRANTIES IN AUSTRALIA & New Zealand

If you are a consumer under the Australian Consumer Law, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. This warranty certificate and other statements contained in this document or other AutoOpener documents given to you do not exclude, restrict or modify the application of all or any of the provisions of the Australian Consumer Law.

Subject to your non-excludable rights under the Australian Consumer Law, AutoOpener expressly excludes any liability for consequential loss, incidental or indirect damages (including but not limited to damages for loss of business profits, business interruption and loss of business information) due to a defect of the Product. In particular, any loss or damage caused to other equipment or accessories used with the product or any loss resulting from a delay in repair is excluded to extent permitted by law.

## Warranty Registration

Register your warranty online with Auto Openers to receive a full replacement warranty. Simply visit [www.autoopeners.com.au/warranty/registration](http://www.autoopeners.com.au/warranty/registration) to register. After 60 days of purchase, failure to register your warranty will result in a Limited 1 Year Warranty.

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Phone: \_\_\_\_\_

Sold By: \_\_\_\_\_

Installed By: \_\_\_\_\_

Invoice: \_\_\_\_\_

Installation Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

**Failure to Register Within 60 Days = 1 Year Warranty**